

Carmel River Floodplain Restoration and Environmental Enhancement Project (Carmel River FREE Project)

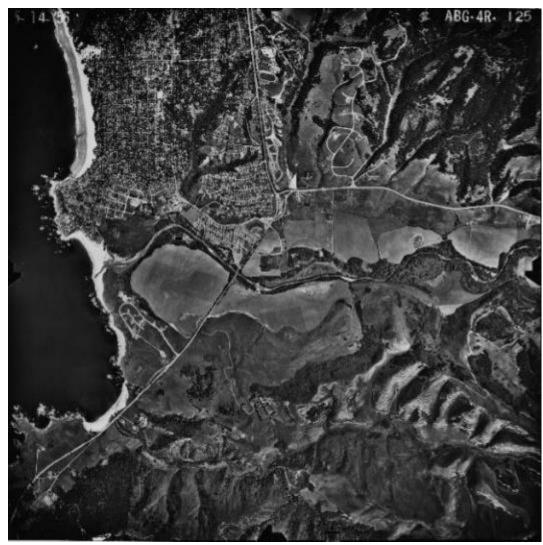


Monterey Peninsula Water Management District September 21, 2015









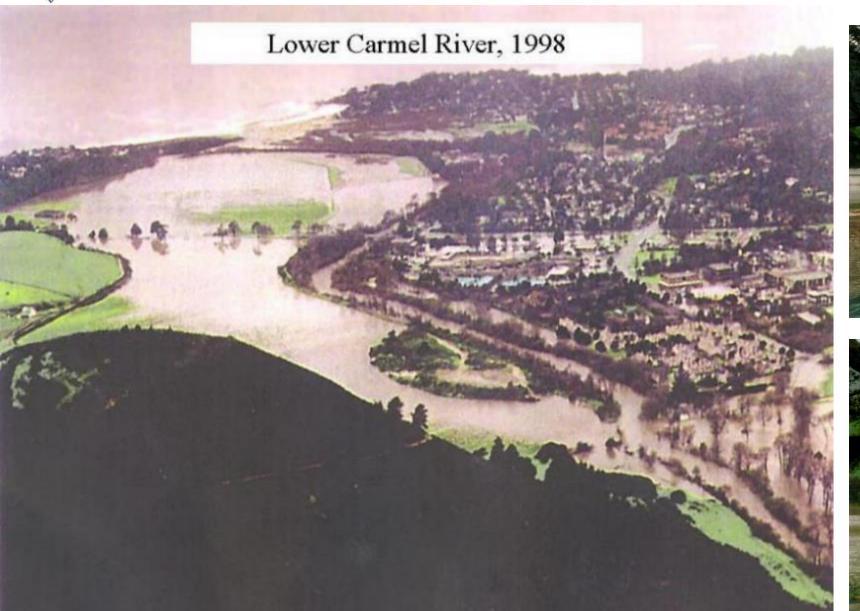
South bank levees constructed for Odello artichoke fields prior to 1930



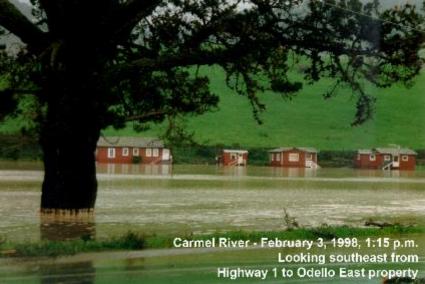
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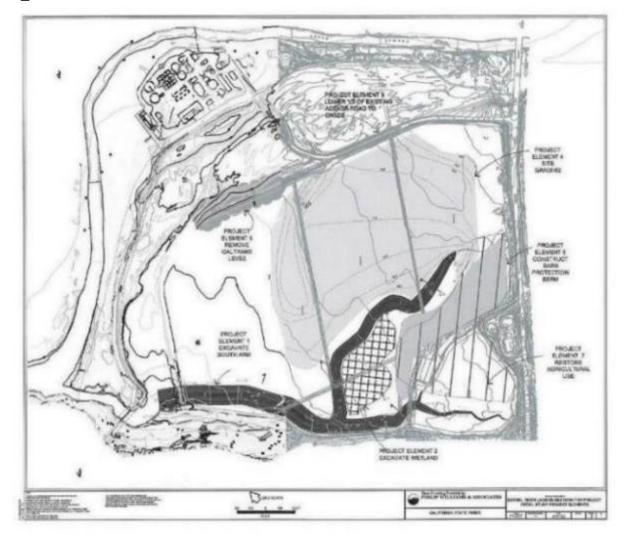








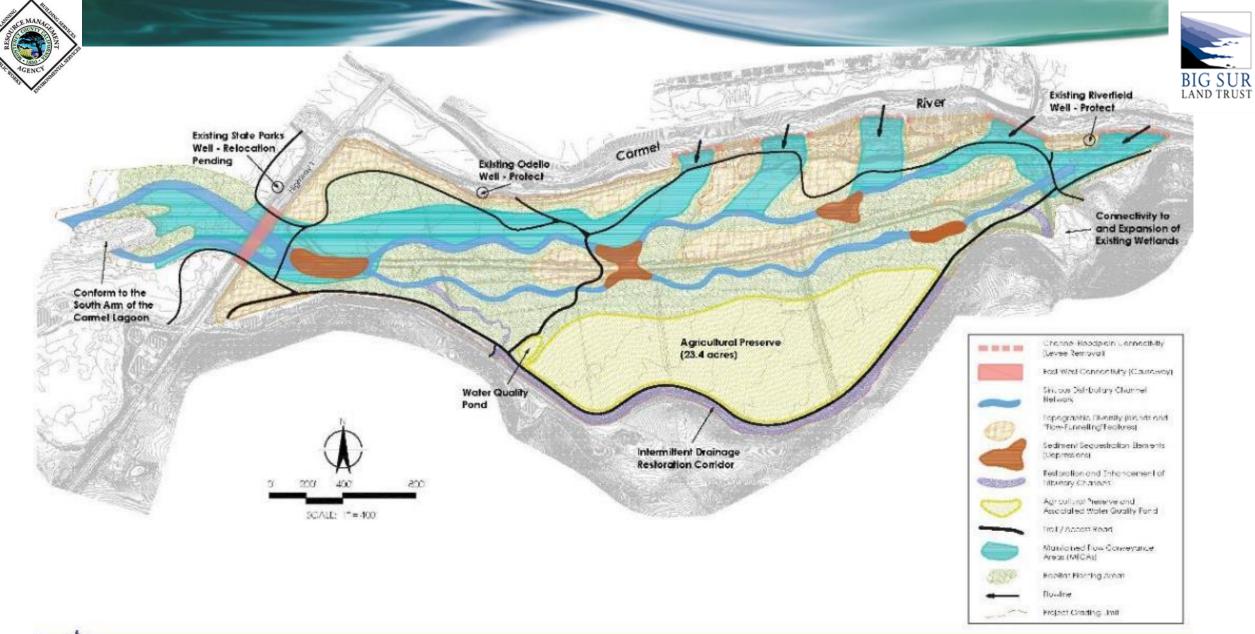
Carmel River Lagoon/Odello West was first phase of Lower Carmel River Restoration



Carmel River agoon Restoration Project







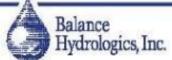
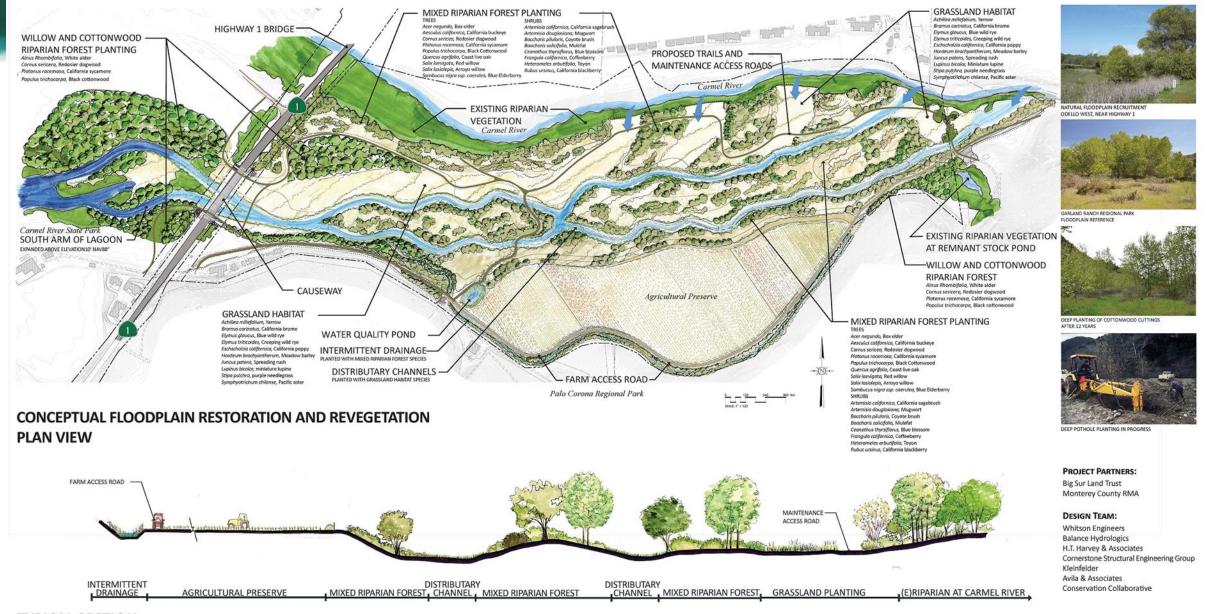


Plate 1 . Restoration Design Features, Carmel River Floodplain Restoration and Environmental Enhancement Project, Monterey County, California.

2015 Metallic representation of the control of the



TYPICAL SECTION 1" = 30' horizonal, x 3 vertical





CARMEL RIVER FLOODPLAIN RESTORATION & ENVIRONMENTAL ENHANCEMENT PROJECT

Monterey County, California





State and Federal Investments in the Watershed

- Highway One Bridge Replacement \$4M
- Palo Corona Land Acquisition \$32M
- Lower River Restoration Planning \$500K
- Carmel River Floodplain Restoration and Environmental Enhancement Project \$14M
- San Clemente Dam Removal \$84M
- Carmel Lagoon Restoration \$4M
- Carmel River Parkway \$7M
- **Total Investment = \$145.5 M**







Carmel River FREE Project - Funding

- Project costs, including pre-construction costs -\$24M
- Over \$14M in funding secured
- Approximately \$10M funding gap
- Additional grant applications in 2015/early 2016
 - NOAA NMFS Coastal Resiliency
 - FEMA Pre-Disaster Mitigation
 - CDFW Prop 1 Watershed Restoration (planning grant)
- Prop 1 implementation grants in fall 2016

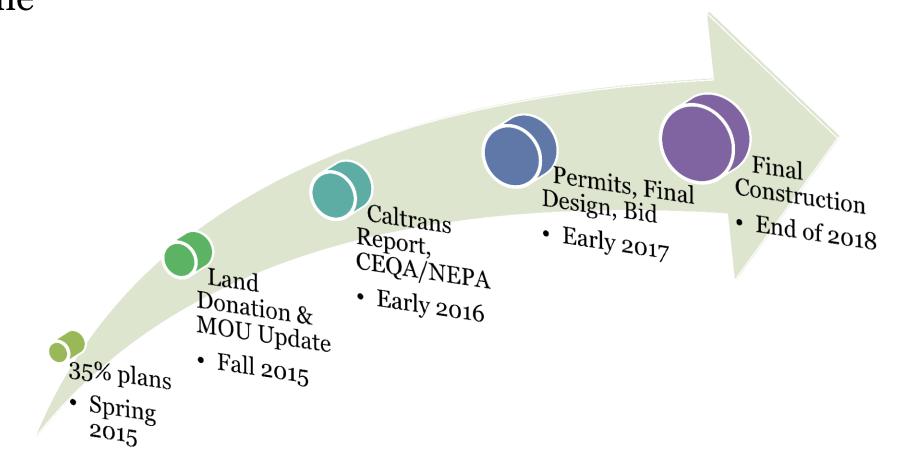
Current Funders:

- Coastal Conservancy, \$2,750,000
- US Fish & Wildlife Service, \$925,000
- US Environmental Protection Agency, \$740,800
- California Wildlife Conservation Board, \$2,500,000
- California Department of Water Resources, \$6,000,000
- Caltrans, \$1,000,000
- Big Sur Land Trust, \$300,000 (to date) &
 County of Monterey, \$65,000 (to date) +
 in-kind staff time contributions





Timeline







Questions?

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